



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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603-03
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JUN 11 2003
FEDERAL CENTER 1600/2900

Applicant: Kerry Kulowski, et al. Examiner: Epperson, Jon D.
Serial No. 10/082,661 Art Unit: 1639
Filed: February 20, 2002 Docket No. 1221.001US1
Title: BIOCATALYSTS AND METHOD THEREFOR

MAIL STOP AMENDMENT
Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

Amendment and Communication Re: Restriction Requirement

Dear Sir:

This Amendment and Communication is being filed in Response to the Office Action mailed on 6 May 2003 requiring restriction between purported different inventions and requiring election of an ultimate species for purposes of examination.

CERTIFICATE UNDER 37 C.F.R. 1.8: The undersigned hereby certifies that this Transmittal Letter and the paper, as described herein, are being deposited in the United States Postal Service, as first class mail, with sufficient postage, in an envelope addressed to: MAIL STOP AMENDMENT, Commissioner for Patents, P.O. BOX 1450, Alexandria, VA 22313-1450 on June 4, 2003.

Mark A. Litman
Name


Signature

ELECTION OF INVENTIONS

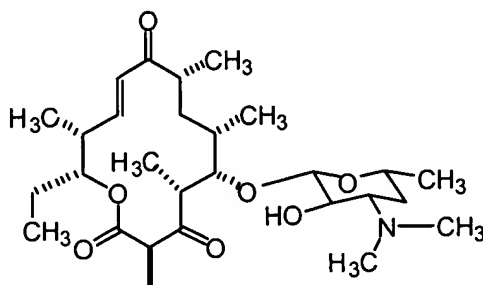
Applicants provisionally elect, without traverse, the claims of Group I, claims 1-9 and 17-18 drawn to the method of producing one or more biocatalysts or a combinatorial array of biocatalysts for prosecution on the merits.

Election of Distinct Species for Purpose of Examination

In accordance with the general outline of species within broader groups identified by the Examiner, Applicants elect, solely for the purpose of examination and not with any acknowledgment of separate or distinct species, the following subgroups within the claims of Group I. The claims directed to these subspecies and a single claim embodying these narrowed subspecies is also provided.

Applicants, in accordance with the above limitations identify the following subspecies for examination:

1. Subspecies 1, Species of Host Cell: *Streptomyces lividans*
2. Subspecies 2, Species of biotransformation Gene: PikC
3. Subspecies 3, Species of Number of Biotransformation Genes Into the Host Cell: Applicants identify and elect the substitution of three genes, with gene 1 replaced with desVII, gene 2 replaced with pikC, and gene 3 replaced with desR.
4. Subspecies 4, Species of Chemical Substrate: Applicants select narbomycin structure, the glycosylated macrolide represented by the following formula:



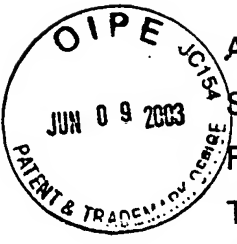
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MAIL STOP AMENDMENT

Commissioner for Patents
 P.O. Box 1450
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The following documents are hereby submitted:

- ☒ Amendment and Response to Restriction Requirement (9 pages)
- ☒ Transmittal Sheet
- ☒ Return postcard

If an additional fee is required due to changes to the claims, the fee has been calculated as follows:

CLAIMS AS AMENDED						
	(1) Claims Remaining After Amendment		(1) Highest Number of Claims Previously Paid For	(3) Present Extra	Rate	Fee
TOTAL CLAIMS	12	-	20	0	x 9.00 =	\$00.00
INDEPENDENT CLAIMS	3	-	3	0	X 42.00 =	\$00.00
[] MULTIPLE DEPENDENT CLAIMS PRESENTED						\$00.00
TOTAL						\$00.00

Please consider this a PETITION FOR EXTENSION OF TIME for sufficient number of months to enter these papers if an additional extension of time is deemed necessary by the Office. Authorization is hereby given to charge Deposit Account Number 50-1391 if such additional extension is necessary.

MARK A. LITMAN & ASSOCIATES, P.A.
 York Business Center, Suite 205, 3209 W. 76th St.
 Edina, MN 55435 (952-832-9090)

By: *Mark A. Litman*
 Atty: Mark A. Litman
 Reg. No. 26,390

CERTIFICATE UNDER 37 C.F.R. 1.8: The undersigned hereby certifies that this Transmittal Letter and the paper, as described herein, are being deposited in the United States Postal Service, as first class mail, with sufficient postage, in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450 on June 4, 2003.

Mark A. Litman
 Name

Mark A. Litman
 Signature